

**To:** "Geoff Seibel" [gcs@demaximis.com]  
**Cc:** []  
**Bcc:** []  
**From:** CN=Eugenia Naranjo/OU=R2/O=USEPA/C=US  
**Sent:** Wed 1/16/2013 3:31:56 PM  
**Subject:** Re: NBSA - SEDFlume and Bathymetric Data

Hi Geoff,

Bathymetry survey:

During the post-holiday patch/performance tests, OSI indicated that they have at least another month of work -Bill Gerken from AECOM was present. This was based on their production prior to the holiday break. They are more productive in the deep navigation channels, but on the mudflats, extremely slow going. Even with the modifications in place. To achieve a 2' change in elevation on the mudflats may require surveying over several hundreds of feet laterally because the slope is so mild and water depths so shallow (10' water depth yields roughly 20' swath on the bottom). So, they can survey 20' of bottom at a time, but they also need to overlap to avoid any gaps, so, in reality, it's less than 20' at a and it's a big Bay.

SEDFlume data:

The field coring effort was completed in early November (it took longer than expected because we had to stop processing cores for a couple of days due to Hurricane Sandy). All the consolidation tests have been done and the cores processed at Sea Engineering lab in Santa Cruz. We still need to do duplicate consolidation cores at a different dilution -as suggested by the CPG-. SEA Engineering anticipates slurring and processing these cores before the end of the month. The CPG can expect to obtain SEDFlume raw data mid/end of February and the report in March.

Wednesday next week: I wasn't planning to be in the office (unless something comes up). I'm on a part time schedule so generally off on Wednesdays. Let me know next time you'll be in so we can meet in person.

Thanks,

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-----"Geoffrey Seibel" <gcs@demaximis.com> wrote: -----

To: Eugenia Naranjo/R2/USEPA/US@EPA  
From: "Geoffrey Seibel" <gcs@demaximis.com>  
Date: 01/16/2013 09:37AM  
Subject: NBSA - SEDFlume and Bathymetric Data

Hi Eugenia,

Can you provide me with an estimate of when the SEDflume data (in-field and laboratory) and the bathymetric survey data from NB will be available? I'm just trying to plan ahead.

Also, I will be meeting with Tom Mongelli and Sal Badalamenti next Wednesday at 1:30 PM on another project and will likely finish up around 3 PM. If you are going to be in the office, I would like to stop in and say hello.

Thanks.

Geoff